PIKES PEAK RADIO AMATEUR ASSOC

Ø-Beat

Vol. 52 November 2002 No. 11

Welcome to the New Club Directors!

Actually, there are only two brand new board members this year: Ben Cruise NØLNW and Joanie VerDuft KCØGMI. Congratulations and welcome! Two directors, Tom McDaniel NØNTX and Jerry VerDuft ADØA, whose terms expired last month, are returning for another 2-year term. Our board consists of eight elected directors (four elected in odd years and four elected in even years), a past president, and the *Ø-Beat* editor. The *Ø-Beat* editor and past president could be one of the other eight elected directors, so our board size can range from 8 to 10.

Oct 2001	Oct 2002	Oct 2003
	NØLNW(P)	→
	NØNTX(VP)	→
	ADØA	→
	KCØGMI(S)	→
KBØB	→(T)	
KD6FLM	→	
KØSU(P)	→(PP)	
KCØEGJ(VP)	→	
N7LV(Z)	N7LV(Z)	
K4ARM(PP)		

(P)=President (V)=Vice pres (S)=Secretary (T)=Treasurer (Z)=*Ø-Beat* Ed

JOTA

Got a few photos from Mike WV7T of the activities at the Pauline Memorial Catholic School, where one of two JOTA events took place last month. Dan Scott KBØPPM again pulled off another great JOTA demonstration! These events, plus EOSS, went hand in hand to make one of the most exciting Scout events this year! At the school, a number of hams (I don't have a list) demonstrated ham activities such as HF, repeaters, APRS, and helped some Scouts on their way with the radio merit badge. In addition, Dan also helped to get the other site, the one at the EOSS launch site, off the ground. Out at the Meadowlake Airport the EOSS group was launching their EOSS-60 in conjunction with the JOTA. Out at the EOSS site, the Scouts were exposed to DFing, APRS, and packet radio. *(Continued on Page 8)*

At the Pauline Memorial School, Shel Radin KFØUR explains to two Scouts how radio waves get from this JOTA station to other JOTA stations.

November Program: **VO1NO will speak on "Battle of the Beams". Come by to find out about it!**

Meetings Our monthly meetings are normally held on the 2nd Wednesday of each month at 7 pm at the Leon Young Service Center, 1521 Hancock Parkway, just north of the US 24 (Martin Luther King) Bypass. Our Annual meeting is in October. Check the web site for any changes.

Regular License Exam Sessions Our ARRL VEC test sessions are on the 2nd Saturday of even numbered months at 0900 at the DeVry Institute annex, 3245 International Cr, just east of Memorial Park, but west of Printers Parkway. Contact Erik KGØXE for details. Examinees need to bring (1) $10, preferably a check or money order payable to ARRL/VE; (2) a picture ID; (3) the signed original and a copy of your current amateur radio license and CSCEs you have (we keep the copies); and (4) a pen, pencil, and calculator if needed. Memory calculators will be checked.

PPRAA Web Page See it at http://www.qsl.net/ppraa/. Thanks to Lee Inman KØQED for maintaining these pages.

Get on the PPRAA E-mail Reflector Stay on top of new or short-fused developments. Subscribe at **http://mailman.qth.net/mailman/listinfo/ppraanet**. Thanks to John Wishart KCØJFH for maintaining this list.

PPRAA Simplex Net All amateurs are invited to join us on Thursday evenings at 1900 on 146.58 MHz simplex for our club net. Get the latest club and regional happenings!

Officers and Directors

President	Ben Cruise	NØLNW		n0lnw@arrl.net
Vice President	Tom McDaniel	NØNTX	570-1465	n0ntx@amsat.org
Secretary	Joanie VerDuft	KCØGMI		verduftj@earthlink.net
*Treasurer	Bob Wogaman	KBØB	531-0511	kb0b@worldnet.att.net
*Board Member	Rick Brown	KØSU	531-9423	k0su@arrl.net
*Board Member	Kate Muniz	KCØEGJ		
*Board Member	Aaron Pelouze	KD6FLM		
Board Member	Jerry VerDuft	ADØA		verduftj@earthlink.net
Ø-Beat Editor	Rob Roller	N7LV	282-0204	n7lv@amsat.org

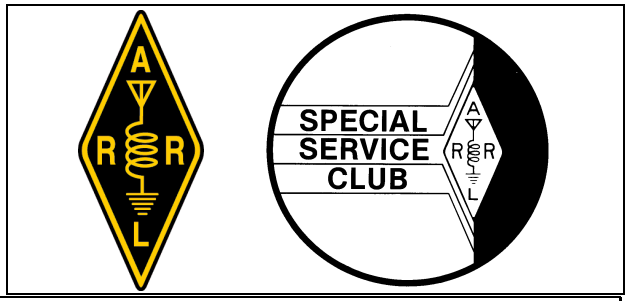
* Indicates this Director's two-year term expires in one year

Committee Chairs & Other Contacts

Activity	VACANT			
Auditing	Kate Muniz	KCØEGJ		
Asset	Mike Stansberry	KØTER	636-1290	
E-Mail Reflector	John Wishart	KCØJFH	481-2439	john.wishart@hp.com
Historian	Ron Deutsch	NKØP		nk0p@arrl.net
Interference	Bill Petty	NØNJX	532-1439	
Membership	Les Borst	KCØNC	634-3995	
Programs	Rick Brown	KØSU	531-9423	k0su@arrl.net
Publicity	Roger Foust	KE6ZOT	538-8866	ke6zot@arrl.net
Public Service	Mike Stansberry	KØTER	636-1290	
Hamfest	Kate Muniz	KCØEGJ		
Technical Education	Linda Hedges	KBØRKW	683-7828	kb0rkw@juno.com
VE Testing	Erik Mugele	KGØXE		ve@teuton.org
Video Librarian	Rhoda Anderson	KB2BZY		wv7t@aol.com
Webmaster	Lee Inman	KØQED	495-9577	k0qed@arrl.net
AMSAT Coordinator	Tom McDaniel	NØNTX	570-1465	n0ntx@amsat.org
ARRL Awards Mgr	Rick Brown	KØSU	531-9423	k0su@arrl.net
ARES EC	Wes Wilson	KØHBZ		
ARES Liaison	Mike Stansberry	KØTER	636-1290	
ARRL Section Mgr	Jeff Ryan	KØRM	260-6826	k0rm@arrl.net
CCARC Liaison	Moe Pierce	WBØRTF		
HamCon Chairman	Jerry VerDuft	ADØA		verduftj@earthlink.net
RACES Officer	Tony Dal Lago	KC4VMB	575-8400	kc4vmb@qsl.net

Upcoming Club Programs

Nov ..... VO1NO - "Battle of the Beams"
Dec ..... Mtg program TBD; Christmas party on Dec 13



Articles for the Ø-Beat Deadline for articles or ads for the Dec issue is Nov 25. Submit articles by e-mail, US Mail, telephone or in person to the editor. Editor reserves right to edit for readability, grammar, spelling, punctuation and length.

Nonprofit Organization The PPRAA is a federal 501(c)(3) nonprofit organization and welcomes all contributions. Your contributions/ donations may be tax-deductible.

Ø-Beat Available Electronically in PDF form via e-mail and on the web. Contact the editor for details.

The ***Ø-Beat*** is published monthly in the interest of the members of the Pikes Peak Radio Amateur Association, Inc, P.O. Box 16521, Colorado Springs, CO 80935-6521. Permission is granted to reprint articles provided credit is given to both the author and the ***Ø-Beat***. For membership and subscriptions see the back inside cover of this publication. Monthly advertising rates: Full page $48; Half page $24; Quarter page $12; Business card $6. Rates are billed quarterly. Send advertisements and payments to Pikes Peak Radio Amateur Association, Inc, P.O. Box 16521, Colorado Springs, CO 80935-6521.

Club and Local News

President's Corner

By NØLNW Ben Cruise, President

One of the great things about taking over leadership of a successful, vibrant organization is that there are already in place those who really make the club work. My thanks to the outgoing slate of club officers. They pass on a club that is rich in tradition and has served the ham community so well for so long.

Thanks to Tom NØNTX, Bob KBØB and Joanie KCØGMI who agreed to serve with me as officers for the next year. Thanks also to Jerry ADØA for agreeing to serve on the Board of Directors. Kate KCØEGJ has stepped forward and agreed to chair the hamfest this year. I am sure she will receive great support and help from the club. Thanks, Kate!

We are still looking for a chairperson for the Field Day activities. We are also looking for good ideas for a Field Day site. Any ideas?

This summer the ARRL Regional Convention will be held in Colorado. This is a big undertaking and many of the ham clubs in the state are co-sponsors. PPRAA is one of the sponsoring clubs. Jerry ADØA is the club point man for the convention. HE NEEDS SOME HELP! The convention will be held at Estes Park. Early registration is encouraged. See Jerry!

It is dues time. All of our dues come due the first of the year. Bob KBØB will happy to take your checks at the Nov. meeting.

See you at the Meeting! 73's Ben, NØLNW,President

Ham Classes to Start in January

By KBØRKW Linda Hedges, Technical Instruction Committee Chair

It is once again time to start thinking about and getting the word out about the upcoming ham classes to be held in January 2003. Frank McNally will be teaching this class to obtain an entry level ham radio license. Also if there is enough interest, Morse code will be taught 1 hour before the regular classes begin.

The date for this next class will be Tuesday, January 7th, 2003 and will be held on Tuesday and Thursday evenings from 7:00 PM until 9:00 PM. This will be for a six-week period winding up on Thursday, February 13th.

The location will be at the same place that they have been held for the last couple of years, which is at the Office Of Emergency Management, 305 South Union Blvd., Colorado Springs, CO, which is right across the street from the south end of Prospect Lake, in the rear part of the building on the basement level.

The cost for the classes is free, but a person can purchase the "Now Your Talking " book the first night of the classes for $19.00. There will also be a special test session held the last night of the classes for the normal cost of $10.00 (this test session is open to all who want to test out at this time and they need not be a student at the classes). So that an estimation of how many books will be needed, preregistration is required before January 3rd, 2003. This can be done by contacting Frank or Barb McNally at 596-8733 or Linda Hedges at 683-7828 also at **kb0rkw@juno.com**.

Once again, the support of the ham club is encouraged. It would really be nice to see each and every member attend at least one evening, even if only for a short period of time. This would help the new prospective hams become familiar with the people in the ham community and encourage them to join the club in the near future. This is a great opportunity to get to meet the people who will be the possible future to our club, and for them to get to meet and know who and what the ham club is all about. So your attendance at one class at least would mean a lot to both the ham club and the new upcoming hams of the future in our community.

Swapfest Planning Kick-Off!

By KCØEGJ Kate Muniz, Hamfest Chair

Planning for the 2003 PPRAA Swapfest Extravaganza is starting, with the first planning meeting set Nov 9th at 9 am at the Falcon Division Command Station of the Colorado Springs Police Department at 7850 Goddard St. Important decisions will be made at this meeting, including the date of the swapfest. (We don't want to conflict with the ARRL Division Convention in Estes Park, so this is an important decision.) Subcommittees will be divided, and chairs of such appointed. Please plan on attending and helping our club put on another great swapfest!

Late Breaking News !!! Although we'd like to consider all dates, before or after the convention, LPHS is reluctant to schedule a firm date while school is in session due to their ever-changing schedule. So, besides considering other dates at LPHS, we're also considering other venues, such as other schools. One thought came to mind to look into having it a school with a ham club such as Cheyenne Mtn High School or Panorama Middle School. All of you with contacts at schools, please consider talking to your contacts there and getting some feedback! Bring it to the Nov 9 hamfest meeting.

PPRAA Reminders ... Don't forget ...

- Christmas party is now set for Dec 13 at the same location as last year: Springs Community Church. More details next month. No POC yet, so contact Ben if you can help out!
- We now have a club historian again! Ron Deutsch NKØP has decided that since he's not treasurer he now has more time to dedicate to this volunteer position. I'm anxious to see what Ron will show us from the club archives.
- Mike Stansberry KØTER is still looking for someone to organize and coordinate Field Day 2003. If you're interested in this position, please let Mike know.

Historical Dits and Bits

By NKØP Ron Deutsch, Historian

10 Years Ago This Month:

The incoming slate of officers is listed here. Some familiar names! Some we have not heard from in a while! Our meeting place was the Disabled American Veterans Bldg.

President	Luci Stansberry NØOUD
Vice President	Al Vrooman NØCMW
Secretary	Liz Deutsch NØTUK
Treasurer	Tom McDaniel NØNTX
BOD	Ken Phillips NØNKP
BOD	Rosie Calaway WAØMNL
BOD	Steve Westby WB7VHR
BOD	Steve Schaarschmidt KØCI
Ø-Beat Editor	Ron Deutsch NKØP
Past President	Harv Sims WB6YXD

ARRL Awards Manager

By KØSU Rick Brown, Awards Manager

[Ed: Rick has been added as Award Manager to the list of POCs on page 2.]

Have you been trying to figure out what to do with those QSL cards cluttering up your shack? Surely you have some. A couple of awards you might consider are Worked All States (WAS) and the VHF/UHF Century Club (VUCC). Both awards are sponsored by the ARRL and are fun to earn. I won't give you with the details here, you can get visit the ARRL web site at **www.arrl.org** to find out what you need to do to earn the awards.

Once you have gathered all of the QSL cards needed for these awards I can help you out since I have been appointed by the ARRL as an Awards Manager. This nomination came my way because the PPRAA is an ARRL Special Service Club and club officials submitted me for this position several years ago. As a matter of fact, there are only two or three hams in Colorado who have been appointed to this position.

In any case, once you have all of the QSL cards and completed all of the necessary paperwork you can submit it to me for verification. I check the cards to ensure they meet all of the requirements and return the cards to you. Then, the application forms get sent to the ARRL with the applicable fees. After some time then you will receive your award in the mail. For folks who can bring the cards to me, I usually will check them on the spot, or at least within a couple of days if it is easy to get the cards back to you. If you live far enough away to make that impractical, you can mail your hard earned cards to me. I check the cards and return them (assuming you sent along the postage of course). I just recently check cards for a Satellite VUCC award for a gentleman in Grand Junction. No card checkers on the Western Slope!

I cannot do the DXCC award. That has its own set of rules and a different group of card checkers. I would be happy to help you with either WAS or VUCC and I can also help explain the rules if you have any questions. Please ask me at a club meeting or send me an e-mail to **k0su@arrl.net**.

Colorado Repeater Association Adds IRLP

By N7LV Rob Roller

(I didn't write this, but cut it from the CRA electronic newsletter.)

After many months of development and testing, the CRA Internet Radio Linking Project (IRLP) node is now available to the membership! This system of worldwide repeaters linked by the Internet is on the 147.225/224.98 machines, which is linked to 145.160 in Colorado Springs and can be linked to 145.460 in Boulder. There are over 600 active nodes now on the network, with the number constantly growing. General information on the IRLP system can be found at **http://www.irlp.net**.

This new feature is a membership benefit. An access code is required to use the system and making calls is restricted to members. To request an electronic document on how to use the CRA node, e-mail Keith, WØNX, at **w0nx@arrl.net**. To have a paper copy mailed to you, contact the CRA via US mail or telephone.

Public Service & Emergency Communications

The PPRAA is an ARRL Special Services Club, but it is not an emergency services club itself. The PPRAA supports all amateur radio involvement in public service and emergency communications in any way it can, including reporting activities happening in the region. These columns are based on available knowledge of the editor, and the opinions expressed are not necessarily the opinions of RACES, ARES, Skywarn or any other organization, or their leadership. Logos used with permission.

RACES

http://www.qsl.net/epcraces/

VHF Net Tuesdays at 1930 on the 146.76 MHz CMRG repeater
Tony Dal Lago KC4VMB, RACES Officer

RACES recently (Oct 17) conducted a successful exercise to test comm on 2m and HF from various locations around the county. About 15 hams pitched in, with at least 7 at the OEM. The packet BBS is up and running intermittently on 145.09, although in a less-than-complete configuration. A little more work ahead to get the 220 side and the xcvr itself set up properly. November training will be with Skee NØPRY (tentative) on winter survival. Excellent training! Don't miss it! In past years this has been open to all, so I'd assume the same this year. No training in December. Selection/election of officers in January. Think about it!

ARES

http://www.qsl.net/ppares/

VHF Net Tuesdays at 1900 on the 146.97 MHz PPFMA repeater
Wes Wilson KØHBZ, EC

Planning is underway for the NWS Skywarn Recognition Day special event, 000 to 2359 UTC on Saturday, Dec 7. NWS Pueblo again will participate with Wes Wilson KØHBZ handling the station logistics and Sid White K4ARM handling the operator scheduling. Setup is from 1200 to 1700 local on Friday, Dec 6; the event starts at 1700 local Friday and continues until 1659 local on Dec 7. Teardown is from 1700 local on Saturday until finished. Plans are to have two HF SSB stations, a HF digital station, and a VHF/UHF station. Operators are especially needed for setup and teardown. All members are encouraged to participate in this fun event. For further info, you can contact either KØHBZ or K4ARM **@arrl.net**.

DX Contesting For November

By WV7T Mike Anderson

ARRL November CW Sweepstakes 2100Z Nov 2 to 0300Z Nov 4
www.arrl.org/contests/rules/2002/nov-sweeps-rules.html

High Speed Club CW Contest 0900Z to 1100Z and 1500Z to 1700Z Nov 3 **www.hsc.de.cx**

Ukrainian DX Contest CW--SSB-RTTY 1200Z Nov 3 to 1200Z Nov 4 **www.qsl.net/ucc**

DARC 10-Meter Digital 1100Z-1700Z Nov 3
www.darc.de/referate/dx/cqdlcont/corona02.htm

Japan International SSB DX Contest 2300Z Nov 8 to 2300Z Nov 10
www.jzap.com/je1cka/jidx/jidxrule-e.html

European DX Contest (RTTY) 0000Z Nov 9 to 2359Z Nov 10 **www.waedc.de**

Arkansas QSO Party (CW/SSB/PSK31) 0000Z to 0600Z Nov 10 and 1400Z Nov 10 to 0100Z Nov 11
www.arkan.us

OK/OM CW DX Contest 1200Z Nov 9 to 1200Z Nov 10
www.okomdx.radioamater.cz

November SSB Sweepstakes 2100Z Nov 16 to 0300Z Nov www.arrl.org/contests/rules/2002/nov-sweeps-rules.html

CQ WW DX Contest (CW) 0000Z Nov 23 to 2400Z Nov 24 **www.cqww.com**

Scanning Around

By N7LV Rob Roller

As winter arrives it might be interesting to listen in on some CO Dept of Transportation frequencies. I don't know if they use 800 MHz systems or not, but I've also seen these other freqs listed for them: 151.625, 151.070, 151.085 and 159.045. Check 'em out!

Colorado Connection News

By WBØQMR Paul Shackelford

10/14/02

We were very happy to see such a good turnout at the BARC Hamfest. Thank you to all who stopped by our table and donated as well as just to chat. I did however

speak to one individual who had been sent a letter asking him to stay off of the connection due to his signal quality by some anonymous party. Please be clear on this ... The Connection Board Of Directors has only requested some one to not use the system once in the past and that was done on our corporate letter head and was for improper use of language. It is our policy to assist operators with poor signals to get into the system better not run them off. If you receive one of these anonymous letters please be sure that no one of any authority has sent it to you and just discard it and be sure it did not come from The Connection.

There were a couple of trips to repeater sites to report on. John N5EHP and Dave KAØYDW went to the Mt. Thorodin and relocated our repeater and replaced some feed lines to try and eliminate some of the interference we have been getting at that site. Also John N5EHP, Doug K2AD and myself went to Mt. Baldy in a blizzard to check the batteries and improve the sensitivity of the 146.79 repeater. It was tough getting up to 12,500 ft AMSL, but we made it and the repeater was improved greatly as well as the batteries topped off with distilled water for their long nine month winter with no access to the site.

Please be aware of the many hunters from in and out of state that are hams and will be using the system this month. Often they will call for local information or directions as well as trying to contact home from their camp. They may need some assistance at times and we ask that you help where you can and offer every courtesy to these users. Many of these operators donate yearly to the upkeep of The Connection but only use it for these few weeks each year. Also keep in mind that they may at times have an emergency so be ready to help when ever you can. Many times these operators are in parts of the forest where cell phones do not work but The Connection does.

We had our last regular volunteers meeting for 2002 last Tuesday. The next meeting will be the second Tuesday in February. If any of you have any issues in the mean time please contact one of the Board members on the air or via e-mail at **kb0vjj@colcon.org**. Regular news articles will continue through the winter and they will also be posted in the announcements section of our web page **www.colcon.org**.

We had a great summer of working on and with the system and are pleased to say that we now have a viable signal into Durango. This was our number one goal for the year. Soon the Durango club will have a site in town chosen where we can put a crossband link radio to link to our new Pagosa Springs repeater on Wolf Creek Pass and users will not have to search for hot spots in town to hit it and get into the system. Thanks to all of you who helped with this project and with all of the regular summer maintenance this year. Without your help and donations none of this would be possible.

Just to let everyone know, the Colorado Connection is having its annual Christmas dinner again this year. EVERYONE IS INVITED!!! We hope to see many new and old faces at the Country Buffet near C-470 and Quebec. We will meet on Thursday night, December 5, at 6:30 PM. We will also do our traditional gift exchange if you wish to participate. The exchange is more fun than what you get; the first person selects a gift and opens it, the second person can either take the first gift or get another gift and it goes on until all gifts are taken. Remember we keep the cost under $5.00.

Country Buffet, 7475 Park Meadows Dr. Take C-470 to Quebec and go South one light to Park Meadows Dr. Pep Boys will be on your left. Turn left (east) on Park Meadows and turn left again (north) at the first turn in. Country Buffet will be on your right. Thanks again to Bill KBØNWM & Sheron KBØTPN for making all the arrangements for the Christmas party.

Have a great Fall season!

73 from The Colorado Connection Board Of Directors

October Board Meeting Minutes

By KCØGMI Joanie VerDuft, Secretary

Board Meeting, October 14, 2002. President Ben Cruise NØLNW called the meeting to order at 7:10 pm. He thanked Aaron Pelouze KD6FLM for hosting the meeting. In attendance were Joanie VerDuft KCØGMI, Jerry VerDuft ADØA, Ben Cruise NØLNW, Tom McDaniel NØNTX, Rick Brown KØSU, Kate Muniz KCØEGJ, Ron Deutsch NKØP, Rob Roller N7LV, and Aaron Pelouze KD6FLM. Bob Wogaman KBØB was absent. Ben brought up various things for old business. The Christmas party; possible date Friday Dec 13th. Do we want it catered? We need someone to head up the facilities; Ben will talk to Sid K4ARM regarding use of the church facility we used last year. Kate has agreed to chair the swapfest. She suggested having it at Lewis-Palmer High School in early May. Ron suggested that Treasurer, Bob Wogaman, and Ben Cruise both sign up on the checking account even though only one signature is required. Bob also needs to file the quarterly reports. Rick suggested for Ben to get the Presidents manual from the ARRL web site and the Secretary update the League on new PPRAA officers. It was suggested to list Ben and Joanie for contacts (POC). Ben brought up a possible sight for field day of the Air Force Academy property. We still need a FD chairman. Ben suggested an Elmer night to use all modes of ham radio demonstrations to get new hams interested. It was noted we want to congratulate our newest club member VO1NO. Under

new business, Rick talked about using e-mail reflectors for the convention in 2003 and the need to energize the people to help spread the word. Ron is turning over the club patches and jackets to Bob, and Ron will continue as treasurer until Bob can take over. (KBØB was out of town). Rob Roller asked Ben to coordinate with Sid K4ARM to compile a complete list of items that have been donated to the club. Rob also noted that he had a letter for Ben to sign which will be used to ask companies around town to donate older laptops for club business and activities. Jerry talked about ham classes for the Spring. Ben asked Jerry to get with Mike WV7T to work out the details. Ben inquired about an annual donation to the QSL.net. Ron stated we had just donated to them. Ron also told Ben about the 2 accounts (raffle and saving/checking) we have so he would be aware of them. The meeting was adjourned at 8: 57 pm.

Joanie KCØGMI wants to thank everyone for their vote of confidence; I will do my best effort!

Combined Oct & Nov Membership Report

By KCØNC Les Borst, Membership Chair

[Ed: The Oct report was inadvertently left out last month, so it's combined with the Nov report here.]

Please Welcome These New Members

DON DULEY ..... KCØGBG
DELBERT G. GIBSON ..... KØUIV
DOUG PARIS N4TGO
AL PENNEY VO1NO
SHELLEY PENNEY VE1NOS
DICK THOMPSON ..... WBØDUL

Goodbye to the Following Members

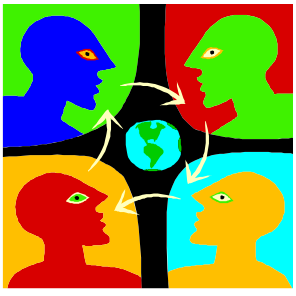
DOUGLAS WOLFF KE6TWH

Total Number of Members

196

October General Meeting Minutes

By NØMIK Mike Allen, Secretary



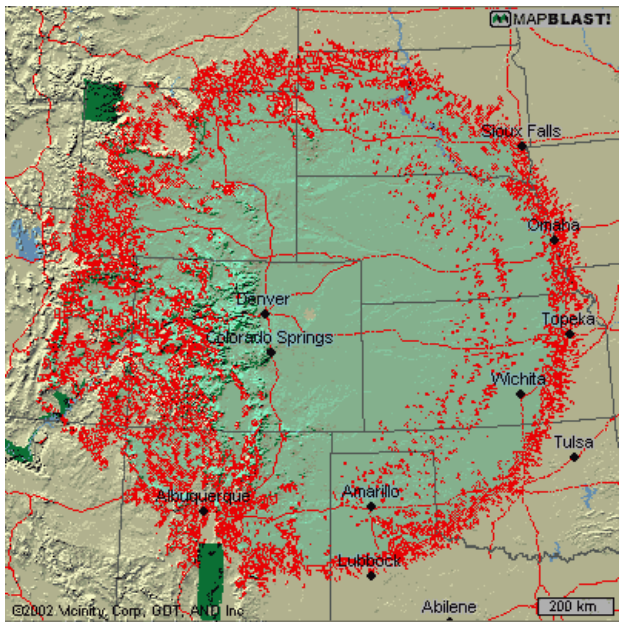
President Rick Brown KØSU called the meeting to order at 7:03 PM. Thirty members and guests signed the attendance book. After introductions, a motion to accept the minutes of the last meeting was made and passed unanimously. The Treasurer, Ron Deutsch NKØP reported an income for September of $163.25, and expenditures of $132.41, leaving balances of $ 3734.05 in the club's checking account and $2609.22 in savings. $310.14 remains in the account used for public service, training, etc., and must be spent by next swapfest.. Committee reports began with Mike KØTER announcing he still needs a board member to help him with the yearly inventory. Membership chairman, Les KCØNC announced he had paper copies of the membership form for those who want to renew their membership for next year. Rick, the programs chairman, admitted he had no programs lined up for next month, but promised there would be a program nonetheless. Rob N7LV speaking for the swapfest said the first planning meeting would be held on 9 November at 9 AM in the CSPD Falcon substation on Goddard St. Rick announced the next VE session would be held 12 Oct at 9 AM at DeVry Institute, 3245 International Drive. Rob, our *Ø-Beat* editor, said he is accepting articles for publication and that he would like to find a new editor. See Rob for details. AMSAT chairman, Tom NØNTX, reported an Israeli satellite, GO-32 was now operational. See Tom for technical details. Wes KØHBZ, ARES EC, reported that the Mountain Amateur Radio Club had purchased 3 VHF/UHF go-kits consisting of Yaesu FT-7100s, power supplies, head phones, mag mount antennas and waterproof cases to transport them in. These kits will be used in situations requiring stations remain on the air for more than one shift, and would relieve operators from having to leave their personal gear. Joanie KCØGMI reported on CCARC activities for Moe WBØRTF, our CCARC representative. Lobbyist Bill Schaeffer had addressed the last CCARC meeting noting he had several state congressmen signed on to back legislation supporting PRB-1. Les KCØNC reported a RACES exercise would be held on 17 Oct to footprint the 146.76 repeater, and check out mobile HF equipment, and packet capabilities. The exercise will be coordinated on 3990.5 kHz and 146.58 MHz. Jerry ADØA, Convention honcho, announced the next planning meeting would be held 12 Oct. Jerry is looking for technical experts in spread spectrum and HF propagation to present technical forums. John, KCØJFH, reported 136 members signed up for the e-mail reflector and 20 posts for September. He also noted that users should not put addresses in the "Copy To" section of e-mail sent via the reflector.

Announcements began with Moe WBØRTF announcing that the Lunch Bunch would be meeting Friday at the Country Buffet in the Citadel Crossing shopping center around 11:30 AM. Wes KØHBZ said Linda KØDRK is sponsoring a group of Air Force Academy cadets in amateur radio and that they will be holding a net on Thursday evenings at 9 PM on 146.49 MHz. He encouraged everyone to check in and give the cadets a chance to get on the air with experienced hams. Mike WV7T had several announcements. First, he was going to help with JOTA pre-set up this Friday evening at 6 PM and welcomed anyone who wanted to help. Next, Freezoree will be held January 24-26 on the AF Academy grounds and the academy had offered heat, power, etc. Special event call sign WØF has been issued for this event. The club contesting call sign KCØODA has been issued, and now that a call sign has been received, Mike will begin a search for a vanity call sign to replace it. Finally, he said he has a lot of "stuff" for sale and that he would like to find a C-64 5A DC meter. Dan KBØPPM reported on JOTA activities. JOTA will be held in two locations again this year. The first will be at Meadowlake Airport for the EOSS launch from 8AM to 12 noon, and the second at Pauline School at St Paul's church in the Broadmoor from 8 AM to 4 PM. Dan is also looking for home brew items to show the Scouts and operators for the CW contest to be held

in conjunction with JOTA. Mike KØTER said he was looking for an HF radio similar to the Icom 761 that can be used to test a 2 wire RS-232 interface. See Mike if you have a radio you can lend him. The next board meeting will be held at Aaron KD6FLM's house on 14 Oct at 7 PM. Aaron will distribute maps to Board members and anyone else who wants to attend. There was no old business, nor any new business. Ron NKØP presented the Hammy to Ben NØLNW for setting up the J-pole antenna order from Arrow. After the break and door prize drawings, the annual election of club officers was held. Those elected were Ben Cruise NØLNW, President; Tom McDaniel NØNTX, Vice President;; Bob Wogaman KBØB, Treasurer; and Joanie VerDuft KCØGMI, Secretary. All ran unopposed. Jerry VerDuft ADØA, won the election to the one vacant board position. Running against Jerry were Mike Anderson WV7T, Rhoda Anderson KB2BZY, and Moe Pierce WBØRTF. The meeting adjourned at 8:30 PM. 73 *de Mike Allen NØMIK, Secretary*

JOTA / EOSS Activities *(from page 1)*

About 70 Boy Scouts and Girl Scouts were able to watch the launch and all of the ham radio activities accompanying the launch. On 80m, using PACTOR, Mike KØTER and Gary NØERG relayed data files about



Approximate coverage by the crossband repeater

the mission. Girl Scouts actually handled the payload during the launch. According to Mike Manes' report (W5VSI) ATV also was used, and captured some pretty good images from start to finish.

Probably one of the more interesting activities was the use of the airborne VHF/UHF crossband repeater on the payload. Contacts were made out to Kansas and Wyoming. An approximate coverage map is shown here to demonstrate the range of this balloon repeater.

Out of space here, but your best bet will be to view the photos etc on the EOSS web page to see more of what the Scouts did. And again, any information from any of you that visited either JOTA site would be most welcome for the *Ø-Beat*.

Ham Etc News Briefs

- Al W3YVQ and Tom Hogerty KC1J have completed their work in preparing the **NTS Methods and Practices Guidelines** for the ARRL web. It's now available at

http://www.arrl.org/FandES/fields/nts-mpg/

- The **2003 Freezoree** is in the planning stages, thanks to Mike WV7T. He's coordinating with the USAFA cadet in charge for a tent, power, heat, tables, chairs, etc for the event. The special event station callsign will be WØF.
- The **USAFA Radio Club** KØMIC is definitely active. A few weeks ago Linda KØDRK announced they hold a net on 146.49 on Thursdays at 7 pm. A number of PPRAA members checked in on their net, and we're welcome to continue to do so.
- You may recall that we produced a CD with *Ø-Beats* back to 1980. There is now a **second CD in the works** for older *Ø-Beats* but we need your help. If you have *Ø-Beats* 1979 and earlier, please contact Rob N7LV if you can loan them to us. Thanks to Mike WV7T who loaned us nearly 1/4 of the needed issues.
- Speaking of the *Ø-Beat*, I am looking for a **new *Ø-Beat* editor**! After 3 years I'd like to turn it over to another creative individual to improve upon it. If you have a creative flair please contact me, Rob N7LV. There are no specific requirements to putting this together, just the desire to help keep our members informed.
- Last month we reported that Uniden will be shipping a new scanner that can monitor the **new digital 800 MHz** transmissions. It now appears that it will only decode 3 of the 4 digital schemes; the one that Colorado uses isn't one of them! Put away your checkbook for another year until Uniden comes up with a new scanner.

- **Special Event Stations:** The Rocky Mountain Navy ARC will operate KØUSN on 11 Nov, 0800 to 1600 to commemorate Veterans Day. Operations will be on the highest HF band open, and 146.52 will be monitored to handle freq inquiries. Also, starting 01 Jan KØUSN will be on the air throughout 2003 (mostly on weekends or when available) commemorating 110 years of Chief Petty Officers. QSL via NØQJS. **http://www.qsl.net/rmnarc**

Hollingsworth Does About Face on 146.52

By N7LV Rob Roller

Several days before press time I was browsing for articles, and found an article on the ARRL web site entitled "*146.52 Ragchewing is Bad Practice*". Boy, there's a topic that's bound to singe a few feathers out there! But in less than a day the article was pulled, and another article appeared in its place called "*FCC Rescinds 146.52 MHz Advisory Notices*". In the first article, Riley reprimanded several hams for holding hour-long QSOs on the 2m national simplex calling frequency. The second article appeared when Riley took back his reprimands. I'm not sure what this is telling us, but the article states that Riley stepped back because he says that "some confusion exists" as to whether 52 is a calling frequency or just another simplex frequency.

Confusion? He's got *me* confused now. Granted, there's no FCC rule that states this, but ever since I've been licensed, 52/52 has been a calling frequency by gentlemen's agreement, and it was probably a calling freq earlier than that. So is this confusion, or are we suddenly taking on some form of political correctness? Someone says they didn't know 52 was a calling frequency and now we'll change our band plan? Okay, I'd better not jump the gun here. What is it: calling frequency, or "national simplex frequency" ... and what does that really mean? The ARRL calls it the "national simplex FM calling frequency" in the Field Day rules. What I'm thinking is that the FCC will determine that due to this confusion, 146.52 should no longer be considered a calling frequency.

The calling freq was part of the overall concept of a band plan, or so I thought. Granted, each of us individually didn't sign an MOU stating we'd follow a given band plan, but generally speaking band plans do exist, primarily to minimize interference. We follow them when we operate repeaters, ATV, SSTV, RTTY, etc on certain freqs. Riley even says they help to minimize his enforcement efforts. So if he makes this comment, then withdraws his reprimand, where does that leave 52? I'm *really* confused now! Even if it's not in the rules that band plans must be followed, the rules do address things like interference and good amateur practice, as in §97.101 of the rules, and that's what I thought Riley was getting at, until he withdrew his original comment.

Around here simplex is especially good. And I'll admit, I have had a QSO or two on 52. I've also engaged in QSOs on 446.0 and 223.5, which are some other bands' calling frequencies (maybe not any longer?) Probably not one hour QSOs, but 10 or 15 minutes. There have been other times where I've done "the right thing" and suggested we move to another simplex freq like 58.

Some folks that do monitor 52 as a calling channel have taken extra steps to avoid listening to long QSOs on 52. One ham has turned on tone squelch so as to only hear stations he expects calls from. Another ham wants to monitor 52 for emergencies in the mountains, per a monitoring plan that's been proposed for mountain emergencies (a Wilderness Protocol). That plan calls for hikers to report emergencies on 146.52 at the top of each hour, and base stations to monitor for possible emergencies at those times. How effective can a plan like that be if there are long QSOs on 52?

Bob Witte KØNR has written a good article on band plans in general – it's on the web at

home.att.net/~bob.witte/2m_frequencies.html

It also identifies the 2m calling frequency.

So ... am I overreacting, or does it *seem* that Riley has told us it's okay to ignore calling frequencies. I'm curious what he'll say next. What do you think? I'd welcome comments from any of you for publication, in favor or against. Don't let my comments be the final word!

CMRG Holds Annual Meeting

By N7LV Rob Roller

The Cheyenne Mountain Repeater Group held its annual meeting on Oct 26, electing officers and reviewing the future of the group. Some things to note: All VHF repeaters will soon shift to a 107.2 Hz tone; UHF repeaters may also but for now each has its own tone. Several new repeaters are planned so that there'll be both UHF and VHF at all locations. Raton Pass is in the works; it'll be up on 449.6 MHz. The CMRG Info & Swapfest net will be back on the air on Thursdays at 2100 on the 147.345 repeater. The 6m repeater is also under construction and will soon be operational. Finally the CMRG is adding an IRLP link to the 147.345 temporarily. It will permanently reside on the 146.76 once it's tested. Since all will be tied in with one controller, the IRLP can be switched back to the 345 if RACES needs the 76 repeater. For details, visit the CMRG web site or check in to the *new* Thursday night net! Finally, Charlie Parker NØIER won the door prize of a Yaesu VX-5R!

ARRL 2003 ROCKY MOUNTAIN DIVISION CONVENTION

ESTES PARK, COLORADO

MAY 30 – JUNE 1, 2003

This is a great opportunity for you to attend a fantastic convention and experience the beauty of Colorado!

THIS IS *NOT* JUST ANOTHER HAMFEST!

This is a *major* Division Convention featuring a large variety of interests within Amateur Radio.

- This will be the **largest Amateur Radio event of 2003** in Colorado and the Rocky Mountain Division.

Many high profile personalities plan to attend this convention, including the following:

- Friday night: keynote address will feature **ARRL President Jim Haynie, W5JBP**.
- Saturday Ladies Luncheon: Featuring **YLRL District 10 Representative Cheryl Muhr, NØWBV**.
- Saturday night Banquet: **FCC Special Counsel for Enforcement, Riley Hollingsworth, K4ZDH**.
- Sunday morning DX/Contest Breakfast will **feature ARRL Membership Services Manager and CQ DX Hall of Fame member Wayne Mills, N7NG; ARRL DXAC-SE, CQ DX Hall of Fame member Bob Allphin, K4UEE; and world-class contestor Rick Dougherty, NQ4I**.
- Also attending: **ARRL Field & Education Services Manager, Rosalie White, K1STO**.
- Tech Talks & Forums
- **Special Event Station W1AW/Ø** … you may operate!

Events include the following:	
AMSAT	Colorado A.R.E.S.
Array Solutions	Beginning Contesting
Choosing a QTH for DXing & Contesting	Colorado Search & Rescue
Digital Modes	Edge of Space Sciences
Internet Radio Linking Project	South Pole Amateur Station KC4AAA
The *Future* of Amateur Radio: BARC Jr.	Colorado Legislative Issues
Microwave	National Traffic System
QRP Contesting	VHF/UHF on the Front Range
Contests include a CW receiving contest, a QLF contest, a foxhunt	
DXCC Card Checking and the midnight **WOUFF HONG** ceremony	

The Conference Center is located 70 miles from Denver International Airport and only 5 miles from the entrance to Rocky Mountain National Park. There are many shops and scenic tours within walking distance of the Conference Center.

- Discounted lodging rates are available at the Holiday Inn that will be honored 3 days before and 3 days after the convention dates. - www.rockymountainparkinn.com
- KOA RV park is ½ mile away.- www.koa.com/where/co/06113.htm
- Don't miss this one! Book your hotel reservations now by calling 1-800-803-7837 or for RV Campground reservations call 1-800-562-1887.

Receive a FREE convention logo pin when you pre-register prior to March 1, 2003.

You may register on our web-site: www.hamconcolorado.org

Pikes Peak Region Ham Radio Event Calendar

November / December 2002 -- Please see Page 2 for Points of Contact

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	**2 MARC VE Testing**
3	4	5	6	7	8	**9 Hamfest Planning Mtg HamCon Mtg**
10	11	12	**13 PPRAA Mtg**	14	**15 Lunch Bunch**	16
17	**18 PPRAA Board Mtg**	19	**20 MARC Mtg**	**21 EPCRACES Mtg**	22	23
24	**25 ZB Deadline**	26	27	**28 Thanksgiving**	29	30
1	2	3	4	**5 COLCON Xmas Party**	**6 Skywarn Recognition Day**	**7 Skywarn Recognition Day MARC Xmas Dinner**
8	9	10	**11 PPRAA Mtg**	12	**13 Lunch Bunch PPRAA Xmas Party**	**14 PPRAA VE Test HamCon Mtg**
15	**16 PPRAA Board Mtg**	17	**18 NO MARC Mtg**	**19 NO EPCRACES Mtg**	20	21
22	**23 ZB Deadline**	24	**25 Christmas**	26	27	28
29	30	**31 New Years Eve**				

Questions about any event on this calendar? Something missing? Try our web page, or contact a Board Member!

Membership Application for the Pikes Peak Radio Amateur Association, Inc.
P.O. Box 16521, Colorado Springs, CO 80935-6521

Date: _____ New Member Renewal

Name: _____

Address: _____

City: _____ State:_____ Zip: _____

Call: _____ Class: N T + G A E Phone: _____

Mbr of ARRL? Yes No E-mail:_____

Additional Family Members to Join/Renew:

Name: _____Call:_____Class: _____ ARRL?_____

Name: _____Call:_____Class: _____ ARRL?_____

Name: _____Call:_____Class: _____ ARRL?_____

In which activities would you like to participate?

Field Day
Demonstrations
Nets or round tables
Organize activities
Teach ham classes

Full Member	$15:
Family Membership	$18:
Over 65	$10:
Over 65 Family	$12:
Associate	$12:
Ø-Beat Only	$12:
Donation to Club:	$_____

Total Enclosed: _____

MAKE ALL CHECKS PAYABLE TO "PPRAA"

Please indicate how you'd like your *Ø-Beat* delivered:
(Defaults to standard hard copy in the event that NO check boxes are checked)

Standard hardcopy via U.S. Mail
As a PDF file attachment via e-mail, to help save a few bucks
I'll save the club a few bucks and download it from the Web!

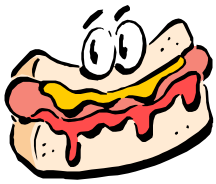
Circle your interests HF / V/UHF / FM / SSB / Digital / DX / Contests / Technical / Hardware / Other_____

New and renewing members must submit a completed application form along with your check to the Treasurer.
Please Type or Print Clearly!

ALL NEW MEMBERSHIPS AND RENEWALS WILL BE PRORATED TO EXPIRE IN DECEMBER!!

Radio Activities!

Lunch Bunch



The next **Lunch Bunch** is November 15 at the Country Buffet in the Citadel Crossing Mall, corner of Galley & Academy, 1130-1300. *(Always the **Friday** following the club meeting.)* Call Moe WBØRTF with any questions!!

Hamfest Horizon & More

May 30 – Jun 1, 2003: Rocky Mountain Division Convention (HamCon), Estes Park. Visit the web site at **http://www.hamconcolorado.org** Contact Jerry VerDuft ADØA, 719-634-8066, **ad0a@arrl.net**.

Dits & Bits

For Trade: Mike WV7T would like to do some trading for a switching power supply such as the SS-30M or the MFJ 4035 MV. 634-7168 or **wv7t@aol.com**.

For Sale: 40 ft crankup tower w/3 element triband quad antenna. Tom Weatherly ADØO 522-1660.

Free: Epson FX-850 dot matrix printer. Contact Mike NØMIK at 594-4896 or **n0mik@arrl.net**

CD-ROM: You may recall the first one contained *Ø-Beats* from 1980 thru 1999. We're now working on the early years, pre-1980. If you have any, ANY old copies of *Ø-Beats* from before 1980, please let us know. Thanks to Mike WV7T for loaning some copies from the 1970's. That's helped us get about 1/4 of the needed issues. Contact Rob N7LV at 282-0204 or **n7lv@amsat.org** if you can contribute. You WILL get the newsletters back.

Jess Miley **KØTAA**
719 W 7th, Florence, CO, 81226
719-784-3040
Amateur & Hobby Radio Products,
HF to GHz, large stock.
30 day money back guarantee on used equipment.
Excellent Tech @ $35 per hour,
Commercial rates higher
Please call before you drive --
due to medical appointments
Back to regular hours starting Oct 22.

Pikes Peak Radio Amateur Association, Inc.
P.O. Box 16521
Colorado Springs, CO 80935-6521 USA

First Class Mail

To: